

## List of Radical Names From "N" to "O"

Radical name	Formula	Based on rule no.
Naphthacenyl	$C_{18}H_{11}-$	<u>A-21.1, A-24.2</u>
Naphthaleneazo	$C_{10}H_7-N=N-$	<u>C-911.2</u>
<i>naphthalenecarbonyl</i> , see Naphthoyl		
Naphthalenetetrayl	$\diagup C_{10}H_6 \diagdown$	<u>A-24.4</u>
Naphtho[2,3-b]thienyl (replacing thiophanthrenyl)	$SC_{12}H_7-$	<u>B-2.11, B-5.11</u>
Naphthoyl (preferred to <i>naphthalenecarbonyl</i> )	$C_{10}H_7-CO-$	<u>C-404.1</u>
Naphthoyloxy	$C_{10}H_7-CO-O-$	<u>C-463.3</u>
Naphthyl	$C_{10}H_7-$	<u>A-24.2</u>
Naphthylazo	$C_{10}H_7-N=N-$	<u>C-912.3</u>
Naphthylene	$-C_{10}H_6-$	<u>A-24.4</u>
Naphthylenebisazo	$-N=N-C_{10}H_6-N=N-$	<u>C-912.5</u>
Naphthylmethylene	$C_{10}H_7-CH=$	<u>A-4.1</u>
Naphthylmethylidyne	$C_{10}H_7-C\equiv$	<u>A-4.1</u>
Naphthyloxy	$C_{10}H_7-O-$	<u>C-205.1</u>
Naphthyridinyl	$N_2C_8H_5-$	<u>B-2.11, B-5.11</u>
Neopentyl (unsubstituted only)	$(CH_3)_3C-CH_2-$	<u>A-2.25</u>
Neryl	$C_{10}H_{17}-$	<u>A-75.1</u>
Nicotinoyl (preferred to 3-pyridinecarbonyl)	$NC_5H_4-CO-$ (3-)	<u>C-404.1</u>
Nitrilo	$N\equiv$	<u>C-72.1, C-815.1</u>
Nitro	$O_2N-$	<u>C-10.1, C-852.1</u>
aci-Nitro	$HO-(O)N=$	<u>C-10.1, C-852.2</u>
Nitroso	$ON-$	<u>C-10.1, C-851.1</u>
Nonacontyl	$CH_3[CH_2]_{88}CH_2-$	<u>A-1.2</u>
Nonacosyl	$CH_3[CH_2]_{29}CH_2-$	<u>A-1.2</u>
Nonadecyl	$CH_3[CH_2]_{17}CH_2-$	<u>A-1.2</u>
Nonanedioyl	$-CO-[CH_2]_8-CO-$	<u>C-403.1</u>
Nonanoyl	$CH_3[CH_2]_9-CO-$	<u>C-403.1</u>
Nonyl	$CH_3[CH_2]_9CH_2-$	<u>A-1.2</u>
Norbornyl (replacing <i>norcamphyl</i> and <i>norbornyl</i> )	$C_7H_{11}-$	<u>A-75.2</u>
<i>norbornyl</i> , see Norbornyl		
<i>norcamphyl</i> , see Norbornyl		

Norcaryl	$C_7H_{11}-$	<u>A-75.2</u>
Norleucyl	$CH_3[CH_2]_7CH(NH_2)CO-$	<u>C-421.1</u>
Norpinanyl	$C_7H_{11}-$	<u>A-75.2</u>
Norvalyl	$CH_3CH_2CH_2CH(NH_2)CO-$	<u>C-421.1</u>
Octacontyl	$CH_3[CH_2]_{78}CH_2-$	<u>A-1.2</u>
Octacosyl	$CH_3[CH_2]_{26}CH_2-$	<u>A-1.2</u>
Octadecanoyl	$CH_3[CH_2]_{16}CO-$	<u>C-403.1</u>
<i>cis-9-octadecenoyl</i> , <i>see</i> Oleoyl		
Octadecyl	$CH_3[CH_2]_{16}CH_2-$	<u>A-1.2</u>
Octanedioyl	$-CO[CH_2]_6CO-$	<u>C-403.1</u>
Octanoyl	$CH_3[CH_2]_7CO-$	<u>C-403.1</u>
Octyl	$CH_3[CH_2]_7CH_2-$	<u>A-1.2</u>
Oleoyl ( <i>preferred to cis-9-octadecenoyl</i> )	$CH_3[CH_2]_7CH=CH[CH_2]_7CO-$	<u>C-404.1</u>
Ornithyl	$NH_2[CH_2]_3CH(NH_2)CO-$	<u>C-421.1</u>
Ovalenyl	$C_{22}H_{13}-$	<u>A-21.1, A-24.2</u>
Oxalaceto	$HOOC\cdot CO\cdot CH_2\cdot CO-$	<u>C-416.3</u>
Oxalacetyl	$-CO\cdot CH_2\cdot CO\cdot CO-$	<u>C-416.3</u>
Oxalo	$-HOOC\cdot CO-$	<u>C-405.2</u>
Oxalyl ( <i>preferred to ethanedioyl</i> )	$-CO\cdot CO-$	<u>C-404.1, C-405.2</u>
Oxamoyl	$NH_2CO\cdot CO-$	<u>C-431.2</u>
Oxapyrenyl	$OC_{15}H_9-$	<u>B-4.1, B-5.21</u>
Oxazinyl	$ONC_4H_4-$	<u>B-1, B-5.11</u>
Oxazolidinyl	$ONC_3H_6-$	<u>B-1, B-5.11</u>
Oxazolinyl	$ONC_3H_4-$	<u>B-1, B-5.11</u>
Oxazolyl	$ONC_3H_2-$	<u>B-1, B-5.11</u>
Oxido	$O^-$ (ion)	<u>C-86.2</u>
Oxo	$O=$	<u>C-10.3, C-316</u>
Oxonio	$^+H_2O-$	<u>C-82.1, C-85, C-87.1</u>
Oxy	$-O-$	<u>C-72.2, C-212.1</u>

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